

REGULATION OF ANGIOGENESIS WITH ZINC FINGER PROTEINS

ABSTRACT OF THE DISCLOSURE

5

10 Provided herein are a variety of methods and compositions for regulating
angiogenesis, such methods and compositions being useful in a variety of applications where
modulation of vascular formation is useful, including, but not limited to, treatments for
ischemia and wound healing. Certain of the methods and compositions accomplish this by
using various zinc finger proteins that bind to particular target sites in one or more VEGF
genes. Nucleic acids encoding the zinc finger proteins are also disclosed. Methods for
modulating the expression of one or more VEGF genes with the zinc finger proteins and
nucleic acids are also disclosed. Such methods can also be utilized in a variety of therapeutic
applications that involve the regulation of endothelial cell growth. Pharmaceutical
compositions including the zinc finger proteins or nucleic acids encoding them are also
provided.

DE 7039186 v1